

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Kenji ITOGA, et al.

Serial No.: 09/769,490

Group Art Unit: 2882

Filed: January 26, 2001

Examiner: C. Kao

For: X-RAY EXPOSURE APPARATUS, X-RAY EXPOSURE METHOD, X-RAY MASK, X-RAY MIRROR,
SYNCHROTRON RADIATION APPARATUS, SYNCHROTRON RADIATION METHOD AND
SEMICONDUCTOR DEVICE

THE COMMISSIONER FOR PATENTS AND TRADEMARKS
Washington, DC 20231

Dear Sir:

Transmitted herewith is an Amendment in the above identified application.

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No additional fee is required.

Applicant is entitled to small entity status under 37 CFR 1.27

Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	46	48	0	\$18.00 =	\$0.00
Independent Claims	5	6	0	\$84.00 =	\$0.00
Multiple claims newly presented					\$0.00
Fee for extension of time					\$0.00
Total of Above Calculations					\$0.00

☐Please charge my Deposit Account No. 500417 in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.☒The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

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Docket No.: 49657-961



Amend
PATENT

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For: X-RAY EXPOSURE APPARATUS, X-RAY EXPOSURE METHOD, X-RAY MASK,
X-RAY MIRROR, SYNCHROTRON RADIATION APPARATUS, SYNCHROTRON
RADIATION METHOD AND SEMICONDUCTOR DEVICE

AMENDMENT

Box Non-Fee Amendment
The Commissioner for Patents and Trademarks
Washington, DC 20231

Sir:

The following Amendment and Remarks are submitted in response to the Office Action
dated December 6, 2001. Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 44 and 45 in their entirety without prejudice or disclaimer of the
subject matter and amend claims 1, 16, 24, 40 and 42 as follows:

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1. (Twice Amended) An X-ray exposure apparatus comprising an X-ray mirror
containing a material having an absorption edge only in a wavelength region other than 0.45 nm
through 0.7 nm as to X-rays to provide light at least having a component in wavelength ranging
from 0.45 nm through 0.7 nm, and

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